

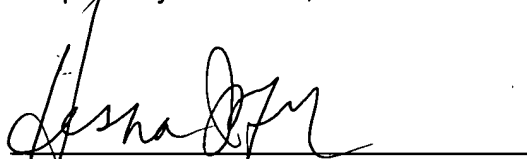
REMARKS

A Substitute Sequence Listing has been provided along with a Computer Readable Form of the Sequence Listing. The undersigned hereby states that the Paper Copy and the Computer Readable Form of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821, including 1.821(c) and 1.821(e) are identical. No new matter has been added by this substitution. Applicants include a copy of the Notice to Comply.

No fees are believed due with this paper, but the Commissioner is hereby authorized to charge any fees under 37 CFR § 1.17 which may be required to Account No. 19-0134, Novartis Corporation.

Favorable consideration of this application is respectfully requested.

Respectfully submitted,



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Date: June 18, 2002

21001 sequence submission

Enclosures: a CRF discette, substitute pages 37-111, Copy of CRF notice to comply